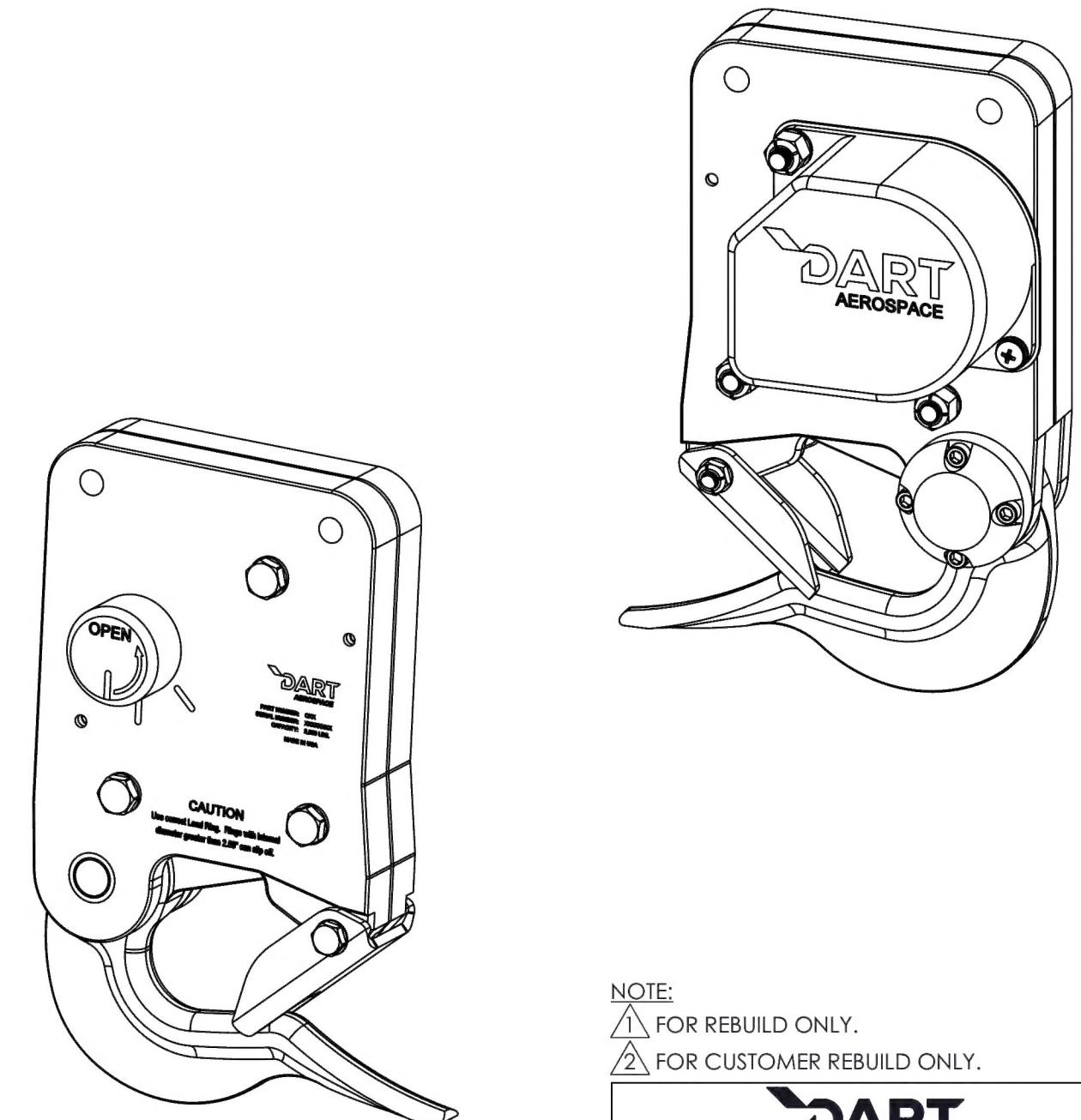


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# SEE ATTACHED DEVIATION

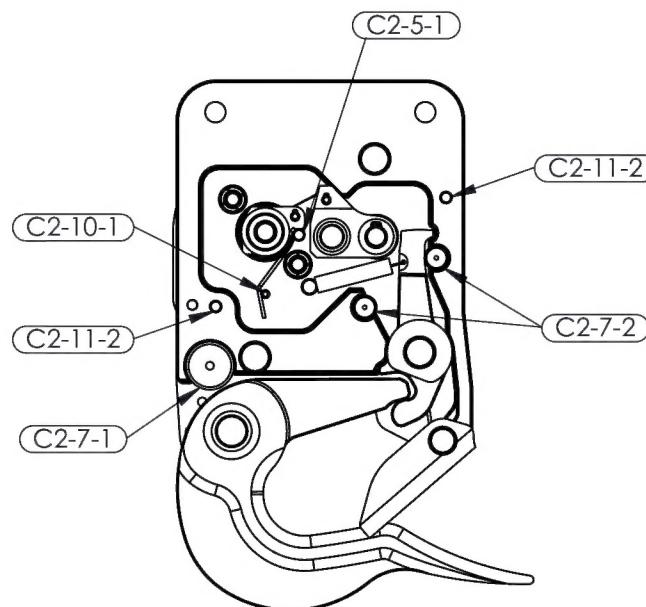
REVISIONS		
REV	ECR	DESCRIPTION
1	14-0149	CH'D TITLE BLOCK WAS RED BARN IS DART, CH'D P/N'S WAS C2-2-2 IS AN4-16A, WAS C2-2-2-1 IS AN960-416, WAS C2-2-2-2 IS MS21044N4, WAS C2-2-2-3 IS AN4-17A, WAS C2-8-1 & C2-13-3-1 IS MS21083N3, WAS C2-8-1-1 & C2-13-3-2 IS AN960-10L, WAS C2-8-8 IS MS35266-63, WAS C2-8-9 IS AN960-10, WAS C2-13-3 IS AN3-14A, MS21083N3 CH'D DESCRIPTION WAS LOCKNUT, SOLENOID IS SELF-LOCKING NUT. ADDED NOTES $\Delta$ & $\triangle$ .
2	15-0241	C2-1-2 DELETED; REPLACED WITH 188-FPSS-1032-1/4. 32446 ADDED TO BOM QTY 2. ADDED ENGRAVING DETAIL & NOTES.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			C2-1-1	1	MANUAL RELEASE KNOB			2
			C2-2-1	1	SIDE PLATE			2
B/O	C2-3-1		2	BEARING DU	BRONZE	(KAMAN #06DU04)	3	
	C2-3-2		1	LATCH ROLLER PIN			3	
B/O	C2-3-2-1		2	RETAINING RING	STEEL	Ø5/16 (KAMAN #1400-0031)	3	
	C2-3-3		1	LATCH ROLLER			3	
B/O	C2-3-3-1		1	LATCH ROLLER DU BEARING	BRONZE		3	
	C2-3-5		2	SPACER	NYLON	(MCMASTER-CARR #95606A140)	3	
	C2-3-6		1	LATCH			3	
	C2-3-8		2	ACTUATOR BUSHING			3	
	C2-3-10		1	LATCH SHAFT			3	
	C2-3-11		1	ACTUATOR			3	
B/O	C2-4-1		2	TRUNNION BUSHING	BRONZE	(KAMAN #SF-1620-6)	2	
	C2-4-4A		1	C2 LOAD BEAM ASSY			2	
B/O	C2-5-1		1	ACTUATOR STOP, DOWEL	STEEL	Ø3/16 X 7/8 (MCMASTER-CARR #90145A509)	2	
	C2-7-1		1	LOAD BEAM BUMPER			2	
	C2-7-2		2	LOCK BUMPER			2	
	C2-9-1		1	CLOCK SPRING COVER			2	
	C2-9-2		1	CLOCK SPRING			2	
B/O	C2-9-3		4	SOCKET HEAD CAP SCREW	S.S.	8-32 X 5/8 (MCMASTER-CARR #92185A196)	2	
B/O	C2-10-1		1	SPRING PIN	S.S.	Ø1/8 X 7/8 (MCMASTER-CARR #92373A182)	2	
	C2-11-1		1	SIDE PLATE SOLENOID			2	
B/O	C2-11-2		2	LOCATING PIN	S.S.	Ø3/16 X 1 (MCMASTER-CARR #90145A510)	2	
B/O	C2-12-1		2	LOCK BUSHING	SINTERED BRONZE	(KAMAN #SF-812-4)	3	
	C2-12-3		1	LOCK			3	
B/O	C2-12-7		2	LOCK SPACER RING	NYLON	#12 (MCMASTER-CARR #95606A120)	3	
	C2-12-8		2	DUST SHIELD			3	
	C2-13-4		1	KEEPER			2	
B/O	C2-13-5		1	KEEPER SPRING		#18 GAGE (.0475) X 3-1/2 DENDOFF	2	
B/O	C2-14-2		2	LABEL RIVETS $\Delta$	18-8 S.S.	NO 4 (MCMASTER-CARR #91654A106)	N/S	
	C3-3-4		2	LINK PIN	DRILL ROD		3	
B/O	C3-3-4-1		4	RETAINING RING	STEEL	Ø1/8 (KAMAN #5100-0012SPP)	3	
	C3-3-7		1	LINK	01		3	
B/O	C3-3-9		1	ACTUATOR SPRING	SS 304 WIRE	Ø.047 X 8 DENDOFF	3	
	C3-8-2		1	SOLENOID ASSEMBLY			2	
	C3-8-4		1	SOLENOID COVER GASKET	GASKET PAPER		2	
	C3-8-5		1	SOLENOID COVER			2	
	C3-10-2		1	LOCK SPRING	S.S.		3	
	600.1310		1	LABEL $\Delta$	ALUMINUM		N/S	
	600.1310-A		1	LABEL $\Delta$	ALUMINUM		N/S	
B/O	600.1314		1	CAUTION STICKER $\Delta$	VINYL	(SIGNS NOW)	N/S	
B/O	188-FPSS-1032-1/4		2	SET SCREW	S.S.	10-32 X 1/4 (MCMASTER-CARR #94355A330)	2	
B/O	AN3-14A		1	KEEPER SHAFT BOLT	STEEL	#10-32 x 1-1/2	2	
B/O	AN4-16A		2	SCREW	STEEL	1/4-28 X 1-7/8	2	
B/O	AN4-17A		1	SCREW	STEEL	1/4-28 X 1-29/32	2	
B/O	AN960-10		1	WASHER	WASHER	#10	2	
B/O	AN960-10L		4	WASHER	STEEL	#10	2	
B/O	AN960-416		6	WASHER	STEEL	Ø1/4	2	
B/O	MS21044N4		3	LOCKNUT	STEEL	1/4-28	2	
B/O	MS21083N3		3	SELF-LOCKING NUT	STEEL	#10-32	2	
B/O	MS35266-63		1	SOLENOID COVER SCREW	S.S.	#10-32 X 7/8	2	
B/O	MS35338-137		4	SPRING WASHER	S.S.	#8	2	
B/O	CORD GRIP		1	CORD GRIP	BRASS	M8-x 1.25 (MCMASTER-CARR #8183K6)	2	
B/O	EL-PLUG-M		1	MALE PLUG	PE High Density	(MCMASTER-CARR #7216K5)	2	
B/O	M27500-16TG2T14		1	WIRE	16 GA SHIELDED WIRE	1 FOOT (AIRCRAFT SPRUCE MIL-C-27500 11-14416)	2	
B/O	32446		2	22-16 AWG KNIFE CONNECTOR		(ALLIED ELECTRONICS 32446)	2	
B/O			1	HEAT SHRINK TUBE	RUBBER	(MCMASTER-CARR #2595K22)	N/S	

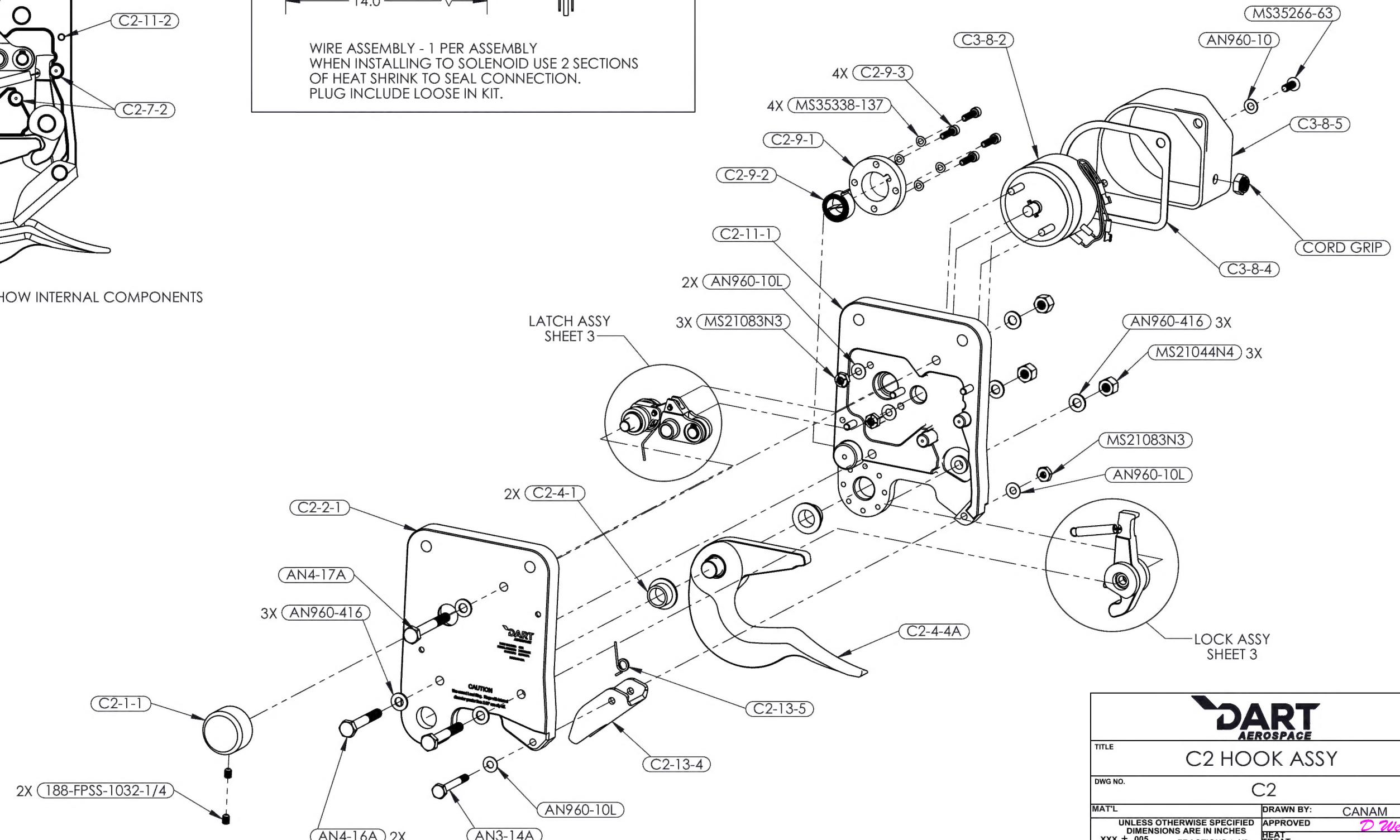
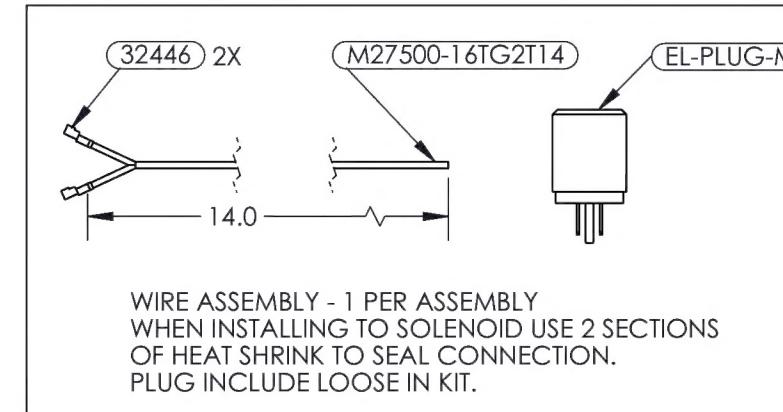


NOTE:  
 $\Delta$  FOR REBUILD ONLY.  
 $\triangle$  FOR CUSTOMER REBUILD ONLY.

TITLE		C2 HOOK ASSY	
DWG NO.		C2	
MATERIAL		DRAWN BY: CANAM	
UNLESS OTHERWISE SPECIFIED		APPROVED <i>D. Weil</i>	
DIMENSIONS ARE IN INCHES		HEAT TREAT FINISH	
.XXX $\pm$ .005		FRACTIONS $\pm$ 1/8	
.XX $\pm$ .01		ANGLES $\pm$ 5°	
.X $\pm$ .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	1:2	DATE	SHEET 1 OF 3



SIDE PLATE REMOVED TO SHOW INTERNAL COMPONENTS

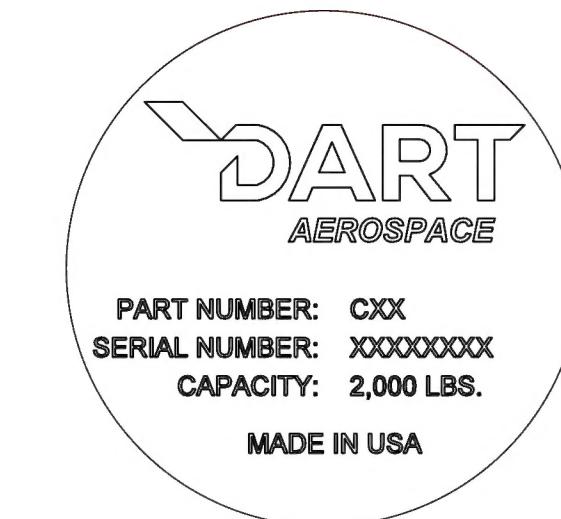
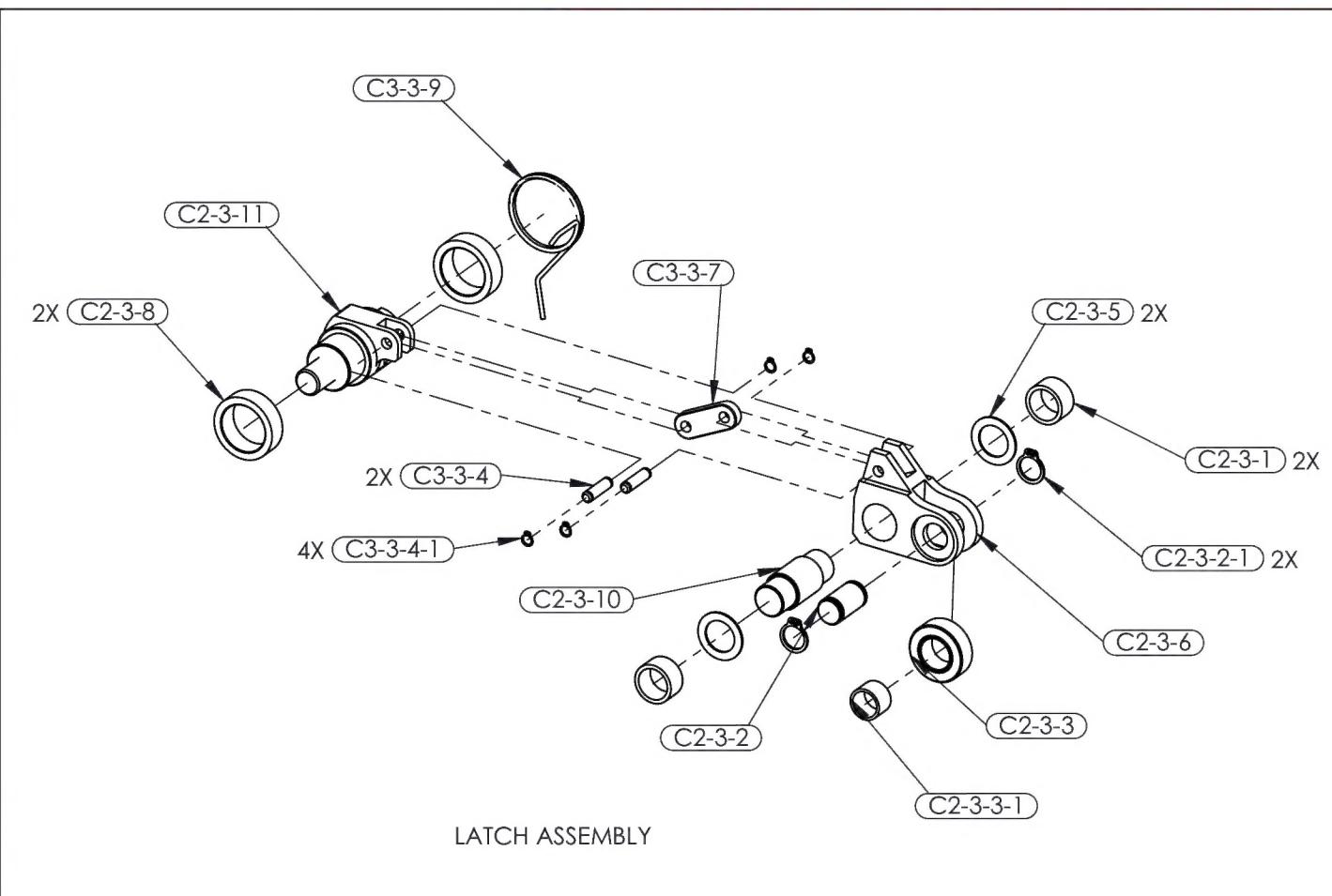


**SEE ATTACHED DEVIATION**

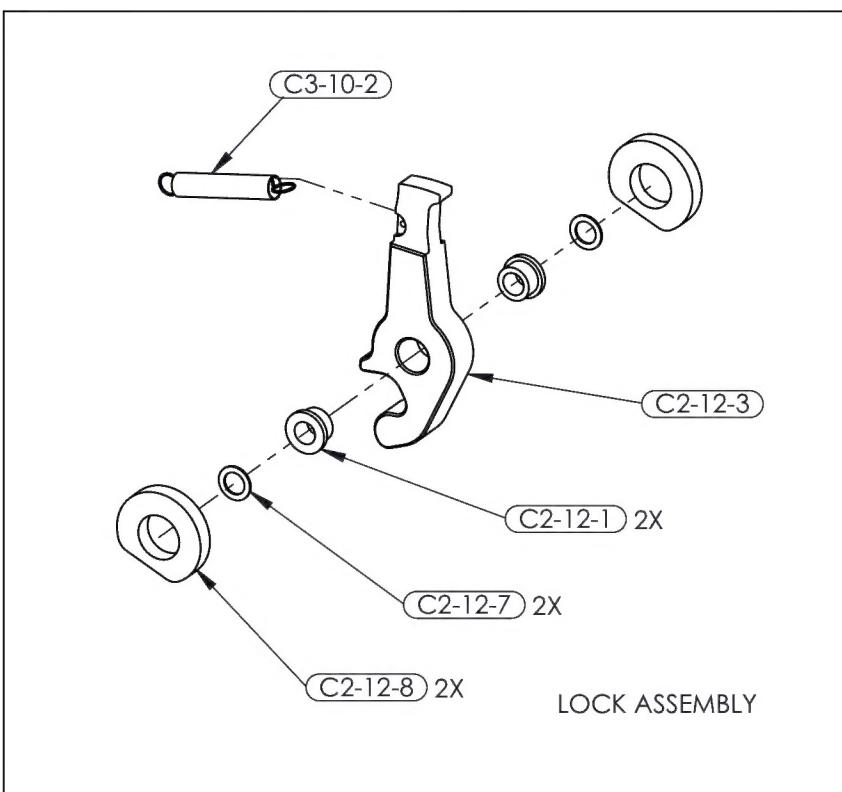
<b>DART</b> AEROSPACE	
TITLE	
C2 HOOK ASSY	
DWG NO. C2 REV 2	
MATERIAL	
DRAWN BY: CANAM	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
APPROVED <i>D. Weil</i>	
HEAT TREAT	
FINISH	
SPEC	
USED ON MODEL	
SCALE 1:3	DATE
SHEET 2 OF 3	

# SEE ATTACHED DEVIATION

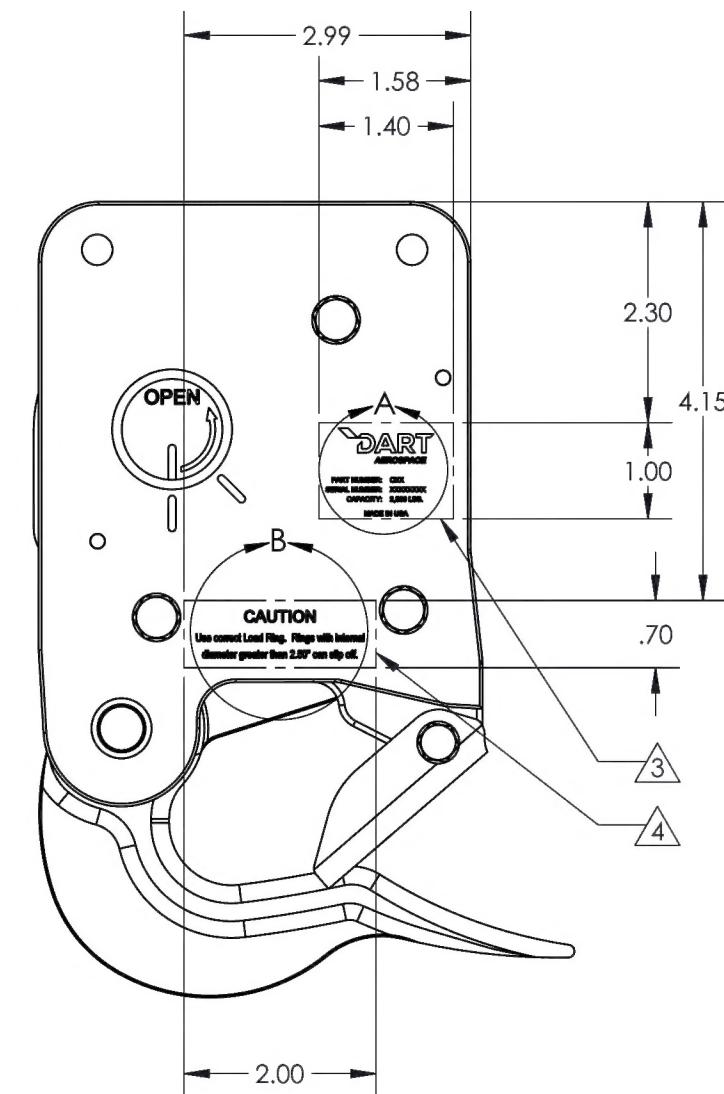
REVISIONS			DESCRIPTION			DATE	INITIAL	APPROVED
2	15-0241		ADDED ENGRAVING DETAIL & NOTES.			8/26/2015	DPD	JAG



DETAIL A  
SCALE 2 : 1



DETAIL B  
SCALE 2 : 1



NOTE:

- 3 LASER ENGRAVE DART LOGO, P/N, S/N, CAPACITY, "MADE IN USA," WITHIN BOUNDARY.
- 4 LASER ENGRAVE CAUTION NOTE, WITHIN BOUNDARY.

DART AEROSPACE	
C2 HOOK ASSY	
C2	
MAT'L	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED	APPROVED <i>D. Weil</i>
DIMENSIONS ARE IN INCHES	HEAT TREAT
.XXX ± .005	FINISH
XX ± .01	SPEC
X ± .1	USED ON MODEL
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE
	SHEET 3 OF 3

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only 

Job: _____  Part No. C series hooks and SWA Swivels		<b>DISPOSITION</b>	<b>DEPARTMENT/PROCESS</b>				
		Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/>	Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/>	Eng. (Non-AW) <input checked="" type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/>	Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/>	
Date : _____	Sequence #: _____	QTY Affected : _____			MRB (QSI042) May, 9 2019 <i>M. Lee</i>		
Description	Work Order Deviation	<b>Disposition</b>					
The electrical wires listed under "Acceptable Alternate Wire" on the attached sheet are acceptable to use in place of the "Drawing Specified Wire"		<p>This deviation is acceptable.</p> <p>No change to fit form or function.</p> <p>The job route must specify the wire that is called out on the drawing</p> <p>The inventory P/N must reflect the same P/N that was received from a vendor</p>					
		Completed By _____					
		Lead hand / Supervisor _____					
		QC / QA Coordinator _____					
<b>Root Cause</b>  Operator <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Preservation <input type="checkbox"/> Material <input type="checkbox"/> Product Improvement <input checked="" type="checkbox"/> Process Improvement <input type="checkbox"/> Human Factors <input type="checkbox"/>		<b>FAULT CATEGORY</b>  Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled <input type="checkbox"/> Other/Details: _____					
		Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up <input type="checkbox"/>				
		Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread <input type="checkbox"/>					

<b>P/N</b>	<b>Revision</b>	<b>Drawing Specified Wire</b>	<b>Acceptable Alternate Wire</b>
C2	2	MIL-C-27500 11-14416	N/A
C3	2	MIL-C-27500 11-14417	N/A
C10	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C15	2	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C20	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C45	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C60	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C250	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-4	3	EL 414-ARTIC 4/14	Texcan 01121-744A5
SWA6A-2	E	Texcan 01121-724AM	N/A
SWA6A-3	E	Texcan 01121-734A5 or 01004-08-047	N/A
SWA6A-4	E	Texcan 01121-744A5	N/A
SWA6A-6	E	Texcan 04121-764A5	N/A
SWA6A-8	E	Texcan 12701-08-014 or McMaster 7081K38	N/A
SWA10A-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-4	3	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA10A-6	3	EL 616 ARTIC	Texcan 04121-764A5
SWA10A-8	3	Polar Wire 30806	Texcan 12701-08-014 or McMaster 7081K38
SWA15A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA15A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SWA15A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38
SAW25A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SAW25A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SAW25A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38